



INVESTIGATOR'S ANNUAL REPORT

United States Department of the Interior
National Park Service

All or some of the information you provide may become available to the public.

OMB # (1024-0236)
Exp. Date (11/30/2010)
Form No. (10-226)

Reporting Year: 2008	Park: Shenandoah NP	Select the type of permit this report addresses: Scientific Study							
Name of principal investigator or responsible official: Matthew Heller		Office Phone: 434-951-6351							
Mailing address: P.O. Box 3667 Charlottesville, VA 22903 USA		Office FAX 434-951-6366 Office Email matt.heller@dmme.virginia.gov							
Additional investigators or key field assistants (first name, last name, office phone, office email) <table><tr><td>Name: Lorrie Coiner</td><td>Phone:</td><td>Email:</td></tr><tr><td>Name: Lorrie Coiner</td><td>Phone:</td><td>Email: lorrie.coiner@dmme.virginia.gov</td></tr></table>				Name: Lorrie Coiner	Phone:	Email:	Name: Lorrie Coiner	Phone:	Email: lorrie.coiner@dmme.virginia.gov
Name: Lorrie Coiner	Phone:	Email:							
Name: Lorrie Coiner	Phone:	Email: lorrie.coiner@dmme.virginia.gov							
Project Title (maximum 300 characters): Interstate 81 Geologic Mapping project									
Park-assigned Study or Activity #: SHEN-00341	Park-assigned Permit #: SHEN-2007-SCI-0011	Permit Start Date: Jun 20, 2007	Permit Expiration Date: Jun 30, 2008						
Scientific Study Starting Date: Jun 20, 2007		Estimated Scientific Study Ending Date: Jun 30, 2008							
For either a Scientific Study or a Science Education Activity, the status is: Completed		For a Scientific Study that is completed, please check each of the following that applies: <input checked="" type="checkbox"/> A final report has been provided to the park or will be provided to the park within the next two years <input type="checkbox"/> Copies of field notes, data files, photos, or other study records, as agreed, have been provided to the park <input type="checkbox"/> All collected and retained specimens have been cataloged into the NPS catalog system and NPS has processed loan agreements as needed							
Activity Type: Research									
Subject/Discipline: Geology / General									

Purpose of Scientific Study or Science Education Activity during the reporting year (maximum 4000 characters): <p>This project is one of two long-term geologic mapping projects being conducted by the State of Virginia under the STATEMAP geologic mapping program. The purpose of the project is to provide detailed geologic map coverage of the entire Interstate 81 Corridor in western Virginia, ultimately in a digital format.</p> <p>Geologic maps are useful for a variety of land development and conservation purposes and include lithologic and structural information.</p>
Findings and status of Scientific Study or accomplishments of Science Education Activity during the reporting year (maximum 4000 characters):

Nine rock samples have been collected and analyzed for major, minor, and trace elements. These analyses, in conjunction with those of samples from outside the park, provide background geochemistry for major rock types in the region.

For Scientific Studies (not Science Education Activities), were any specimens collected and removed from the park but not destroyed during analysis?

Yes

If "Yes", identify where the specimens currently are stored:

VA DMME

Division of Geology and Mineral Resources

900 Natural Resources Drive

Charlottesville, Virginia 22939

Funding specifically used in this park this reporting year that was provided by NPS (enter dollar amount):

\$0

Funding specifically used in this park this reporting year that was provided by all other sources (enter dollar amount):

\$1125

List any other U.S. Government Agencies supporting this study or activity and the funding each provided this reporting year:

Paperwork Reduction Act Statement: A federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. Public reporting for this collection of information is estimated to average 1.625 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms. Direct comments regarding this burden estimate or any aspect of this form to Dr. John G. Dennis, Natural Resources (3127 MIB), National Park Service, 1849 C Street, N.W., Washington, DC 20240.